CW#101&HW#101: Mixed Circle Practice

Geometry

Due: Wednesday, March 23rd

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP:\_\_\_\_\_

FAILURE TO WRITE IN COMPELTE SENTENCES OR SHOW ALL WORK WILL RESULT IN LASALLE

|  |  |
| --- | --- |
| Find the arc length | |
| ../../../../../Desktop/Screen%20Shot%202016-03-20%20at%209.10.12%20AM | ../../../../../Desktop/Screen%20Shot%202016-03-20%20at%209.09.59%20AM |
| ../../../../../Desktop/Screen%20Shot%202016-03-20%20at%209.10.06%20AM | ../../../../../Desktop/Screen%20Shot%202016-03-20%20at%209.10.03%20AM |
| Find sector area | |
| ../../../../../Desktop/Screen%20Shot%202016-03-20%20at%209.10.16%20AM | ../../../../../Desktop/Screen%20Shot%202016-03-20%20at%209.10.19%20AM |
| Find the perimeter of the sector | |
| ../../../../../Desktop/Screen%20Shot%202016-03-20%20at%209.10.23%20AM | ../../../../../Desktop/Screen%20Shot%202016-03-20%20at%209.10.27%20AM |

|  |  |
| --- | --- |
| The diagonal of the square is 18 in. Find the area of the shaded region.   ../../../../../Desktop/Screen%20Shot%202016-03-20%20at%209.23.34%20AM | Find the area of the shaded region.   Images/cw101/Cw101-p4.jpg |
| Find the area of the shaded region.  ../../../../../Desktop/Screen%20Shot%202016-03-20%20at%208.54.23%20AM | The side length of the square below is 25 cm. Find the area of the shaded region.  ../../../../../Desktop/Screen%20Shot%202016-03-20%20at%209.23.01%20AM |
| Find the area of the shaded region.   ../../../../../Desktop/Screen%20Shot%202016-03-20%20at%208.54.48%20AM | Find the area of the shaded region.  Images/cw101/Cw101-p2.jpg |
| Find the area of the shaded region. Images/cw101/Cw101-p1.jpg | m∠RPS is 110°. Find the area of the shaded region.   Images/cw101/Cw101-p3.jpg |
| Find the area of the combined shaded regions.  Images/cw101/Cw101-p5.jpg | |

CHALLENGE TASK

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| --- | --- |
| Directions | You are expected to have either complete answers with full justification (explanation in words, mathematical symbols, graphs, etc.) or a valiant attempt at all problems in this set. A valiant attempt consists of (i) Identifying the purpose of the question (ii) Outlining an approach / identifying unknowns (iii) An attempt at that approach (iv) A detailed summary of what you tried and were you are “stuck” (v) Additional questions you have about the problem. You should also have consulted several resources in your attempt, including but not limited to: online research like Khan Academy, the textbook, your group/classmates, Ms. Ramos/Mr. B/Ms. Mitrovich and/or other math teachers. |
| ../../../../../Desktop/Screen%20Shot%202016-03-20%20at%209.34.48%20AM | |